SoMo® 650Rx Handheld Computer

With Antimicrobial Protection

Specification Sheet

PHYSICAL

Dimensions	5.00 x 2.94 x 0.98 inches (127 x 74.60 x 25 mm)	
Total Mass	7.20 oz (204 g) with extended battery and stylus	
Antimicrobial Rating (JIS Z2801:2000 Test)	2.49 on Methicillin-resistant Staphylococcus aureus (MRSA) 6.07 when cleaned with Sani-Cloth® Plus disposable cloth wipes	
Antimicrobial Additive	Ishizuka Glass, Ionpur IPL EPA# 73148-3, FDA# FCN000432, EFSA registered in EU	
Display	65K colors TFT LCD, 3.5" 16 bit per pixel, 240 (w) x 320 (l) resolution	
Touch Panel	Glass analog resistive touch	
Backlight	White LED backlight	
Extended Battery	3.7V 2600 mAh Lithium Ion rechargable	
Backup Battery	Super Capacitor to support Realtime Clock	
Expansion Slots	CompactFlash and SDIO Slots: Reinforced to prevent damage from drop events	
LED Indicators	Red/Green LED for alarm, battery charging	Blue/Green LED for *Bluetooth* and Wireless LAN
Buttons	4 front panel programmable soft buttons 2 side programmable action buttons Control hold switch	5 navigation buttons Device reset button Power on/off button
Input Devices	Stylus (Note: touch sensitive display for stylus or fingertip)	
Connectors	Barrel connector power jack USB 1.1 host & USB 2.0 Client	26 pin docking connector for ActiveSync 2.5mm headset jack with support for voice & stereo music
Audio	Built-in Microphone and Speaker, voice recording capability with Notes application	

PRE-LOADED SOFTWARE

Microsoft Software	Office Mobile: Word Mobile, Excel Mobile, PowerPoint Mobile, OneNote Mobile Web/Communications: Office Outlook Mobile, Internet Explorer, MSN Messenger Client Synchronization/Remote Access: ActiveSync Client, Remote Desktop Mobile Media: Windows Media Player Mobile Other: Programmable Home Screen, .NET Compact Framework v2.0, Calculator, Tasks, Notes
Socket Software*	Data Capture: SocketScan™ for Socket barcode / RFID / magnetic stripe readers and UIC683 smart card reader Wireless Broadband: SoMo 650 Back Pack Utilities WLAN / *Bluetooth*: Connect!Agent™, Enhanced Wi-Fi® Companion™ Power Management: Power Plus Battery Friendly® Utility, Hold Switch Utility, CPU Performance Utility Cabled Communications: Modem Utilities, Ethernet Utilities
SocketSerial Software	Serial I/O Card drivers, USB-to-Serial Adapter drivers, USB Ethernet Gigabit Adapter drivers
Sprite Mobile Software	Sprite Backup (trial version)
SOTI Software	MobiScan Agent

PERFORMANCE

Processor	Intel PXA270 @ 624 MHz
Operating System	Windows Mobile® 6 Classic
Languages Available	Worldwide English, Chinese, Finnish, French, German, Italian, Japanese, Norwegian, Portuguese (Brazilian), Portuguese (Iberian), Spanish, Swedish (Languages available via ROM upgrade, free to registered users)
Memory	128 MB SDRAM, 1 GB or 256 MB NAND FLASH
SoMo File Store	Non-volatile memory for device applications/configurations can survive hard reset of device Features Auto-Run support, ideal for provisioning deployments

*Wi-Fi Companion is pre-installed. Enhanced Wi-Fi Companion is pre-loaded but optional to install. For devices running Windows Mobile 6 Service Pack 8 or later, Connect!Agent is pre-loaded and optional to installl.

ENVIRONMENT

Temperature	Operating: 0° to 50° C (32° to 120° F) Storage: -25° to 75° C (-13° to 167° F)
Humidity	95% non-condensing
Drop Specification	Multiple 1 m (3.3 ft) drops to concrete covered with vinyl With optional DuraCase protective case: Multiple 1.3 m (4.3 ft) drops to vinyl-covered concrete
ESD Specification	+/- 8kV air discharge, +/- 8kV direct discharge

WIRELESS

Wireless Local Area Network (Wi-Fi)	IEEE® 802.11 b/g WLAN, Cisco CCX 4.0 certified* Data Rate: 1/2/5.5/6/9/11/12/18/24/36/48/54 Mbps Frequency Range: Country dependent (chan 1- 14); 2.412 to 2.484 GHz Output Power: 14.5 dBm (OFDM); 16 dBm (CCK) Antenna: Internal **Requires Enhanced Wi-Fi Companion software (included)*
Bluetooth	v2.0 + EDR Class 2 with support for the following profiles: - GAVDP - Generic Audio/Video Distribution Profile - GAP: Generic Access Profile - SDP: Service Discovery Profile - A2DP - Advanced Audio Profile - AVCTP - Audio/Video Control Transport Protocol - AVRCP - Audio/Video Remote Control Profile - DUN - Dial-up Networking Profile - AVDTP - Audio/Video Distribution Transport Protocol - HSP: Headset Profile - HID - Human Interface Device (Host role) - OPP - Object Push Profile (Client and Server) - SPP - Serial Port Profile

LEGAL

Warranty	Handheld Computer: One year standard warranty	Accessories (battery, cable, etc.): 90 day warranty
Extended Warranty	SocketCare service program sold separately. SocketCare Plus 2 Year SKU# SC1800-1345	
Certification/ Compliance	FCC: Part 15, Class B Industry Canada RoHS and WEEE compliant EMI / RFI *Bluetooth* Certification (BQB test) Microsoft Windows Mobile 5.0/6.1 Logo Test Certification EU/International: EN301 489-1, -17 EN61000-4-2: 1995, ESD ± 8kV air/±4kV contact TELEC	EN61000-4-3: 1997, radiated Immunity 3V/m EN61000-4-4: 1995, EFT ± 0.55kV EN61000-4-5: 1995, Surge ± 0.5kV EN61000-4-6: 1 CE: EN Electrical Safety EN60950, UL, CSA Wi-Fi Alliance Certification USB IF Test Cisco CCX 4.0 (requires Enhanced Wi-Fi Companion)

PACKAGE CONTENTS

SoMo 650Rx-E	SoMo 650Rx handheld computer with full size stylus Wall charger: AC/DC adapter, Input 100~240 V AC USB sync/power cable Getting Started CD with software and User's Guide
SoMo 650Rx-M	Same as SoMo 650Rx-E plus: Desktop cradle: Simultaneously charges docked unit and spare battery, includes USB 1.1 Host and USB 2.0 Client ports, powered from wall charger or USB sync/power cable Carrying case Audio headset with microphone, 2.5mm to 3.5mm audio headset adapter

OPTIONAL

Data Capture	Barcode / RFID / magnetic stripe / smart card readers (SD / CF card or *Bluetooth* wireless)
Wireless Broadband	SoMo 650Rx Back Pack wireless broadband ExpressCard adapter (Novatel Wireless modem not included)
Charging / Sync	Cradle kit, Multi-bay charger, Car charger, Master USB with DC jack, USB sync cable, USB Y cable
Protection	DuraCase protective case, Screen protector kit, FlexGuard silicone cover, Belt carrying case
Input	Tethered stylus, Medical-grade and silicone keyboards

For a full list of Socket peripherals and accessories, visit: http://ww1.socketmobile.com/products/handheld-computers/accessories-hc.aspx
To learn about accessories from STAR partners, visit: http://ww1.socketmobile.com/products/star.aspx

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